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ABSTRACT

As part of a continuing student flow study in the Hawaii community colleges, this report focuses on the 695 extreme persisters who entered college in fall 1974 and were continuing their studies into the seventh semester, and specifically on such persisters at the Honolulu, Kapiolani, and Leeward campuses. Overall data indicated that high proportions of persisters came from the following groups: business, public services, and technology students; transfer students; and students with grade point averages (GPA's) of 3.0-4.0. Significant differences were found by sex in terms of educational objective and cumulative semester hours carried and earned; by campus in educational objective, GPA, age, and semester hours carried and earned; and by program according to educational objective, GPA, age, semester hours carried and earned, and graduation rates. Graduates differed from non-graduates in average semester hours carried (72.4 vs. 57.5) and earned (71.9 vs. 56.3). At the Honolulu campus, there were significant differences according to educational objective and GPA's by sex and by program. At Kapiolani, there was a difference in educational objective by program. And at Leeward, there were significant differences by sex and program according to educational objective. Dominant characteristics of the study population are displayed in tables for each campus and for the community college total. (TR)

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JC 780 162

FALL 1974 ENTERING STUDENTS ENROLLED IN FALL 1977 (Seventh Semester)

Report No. 36

Student Flow Project

March 1978

Office of the Chancellor for Community Colleges
Educational Services Division
University of Hawaii

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A. Introduction

This report continues our analysis of the student flow patterns of the Fall 1974 entering group. As indicated earlier in Report No. 30, this report will focus on the extreme persisters (students who were enrolled for all six semesters without a break in attendance at their campus of entry) continuing their studies for the seventh semester.

Our findings are discussed for: (1) the community college total and (2) selected campuses--Honolulu, Kapiolani and Leeward--which enrolled at least 140 students.[1]

B. Findings: Community College Total

In Report No. 30, we indicated that there were 944 extreme persisters. Out of this group, 695 (74 percent) continued during the seventh semester. The data in Table 1 indicate that high proportions of the following groups were enrolled:

--business, public services, technology and "other" students
--transfer students
--students with grade point averages of 3.0-4.0.

TABLE 1
CHARACTERISTICS OF ENROLLED AND NON-ENROLLED
EXTREME PERSISTERS
COMMUNITY COLLEGE TOTAL
FALL 1977

Characteristics	Total Extreme Persisters	Enrolled in Fall 1977		Not Enrolled in Fall 1977	
		No.	%	No.	%
TOTAL	944	695	74%	249	26%
Sex					
Female	365	266	73%	99	27%
Male	579	429	74%	150	26%
Campus					
Hawaii	54	47	87%	7	13%
Honolulu	186	146	78%	40	22%
Kapiolani	213	144	68%	69	32%
Kauai	31	23	74%	8	26%
Leeward	393	281	72%	112	28%
Maui	21	18	86%	3	14%
Windward	46	36	78%	10	22%
Program					
Liberal Arts	479	322	67%	157	33%
Business	192	154	80%	38	20%
Health Svcs.	11	1	9%	10	91%
Hotel/Food Svcs.	25	17	68%	8	32%
Public Svcs.	54	51	94%	3	6%
Technology	133	110	83%	23	17%
Other	50	40	80%	10	20%
Entry					
New	806	583	72%	223	28%
Transfer	138	112	81%	26	19%
Educational Objective					
Certificate	43	45[a]	105%[a]	(-2)[a]	
A.S.	365	281	77%	84	23%
A.A.	486	329	68%	157	32%
Other	50	40	80%	10	20%
Grade Point Average					
3.0-4.0	324	267	82%	57	18%
2.0-2.9	534	389	73%	145	27%
Below 2.0	86	39	45%	47	55%

[a]Between the sixth and seventh semester, some students changed their educational objective. There were more students seeking certificates in Fall 1977 than in Spring 1977.

[1]The remaining four campuses each enrolled fewer than 30 students. See Appendix A for data on all seven colleges.

The data in Table 2 show the dominant characteristics of students enrolled in Fall 1977. Since 583 out of the 695 were "new" students at entry, the findings summarized below will focus on the total. Readers interested in the specific characteristics of new and transfer students are urged to study Table 2.

1. Sex: *There were statistically significant differences, by sex, on the following: educational objective, average cumulative semester hours carried and average cumulative semester hours earned.*

—Half of the females were seeking A.A. degrees, while 47 percent of the males were seeking A.S. degrees. (Total: 47 percent, A.A.)

—The grade point average was 2.0-2.9 for 53 percent of the females and 58 percent of the males. (Total: 56 percent, 2.0-2.9)

—The average ages of females and males were 23.1 and 23.8 years, respectively, at time of entry. (Total: 23.6 years)

—The average cumulative semester hours carried were 57 for females and 62 for males; semester hours earned were 57 and 61, respectively. (Total: 60 semester hours carried; 59 earned)

—The graduation rates were 19 percent for females (51) and 17 percent for males (73). (Total: 124 or 18 percent)

2. Campus: *There were statistically significant differences, by campus, on the following: educational objective, grade point average, average age, average cumulative semester hours carried, average cumulative semester hours earned.*

—While a great majority of the students at Leeward (68 percent) and Windward (86 percent) were seeking A.A. degrees, at least a plurality of students at the other five campuses were seeking A.S. degrees. The range: 72 percent at Maui to 43 percent at Kapiolani.

—At least a plurality of students (ranging from 64 percent at Windward to 44 percent at Maui) had grade point averages of 3.0-4.0 at three campuses, and a majority had GPAs of 2.0-2.9 at all but one of the remaining campuses (ranging from 67 percent at Kapiolani to 49 percent at Hawaii).

—There was quite a range in the mean age of students, by campus: 29 years at Windward to 20 years at Kapiolani.

—Students on all campuses, but Windward, carried and earned a cumulative average of 50 or more semester hours. The range: 64 semester hours carried at Honolulu and Kapiolani to 45 at Windward. The range for cumulative semester hours earned: 62 at Honolulu and Kapiolani to 45 at Windward.

—The graduation rates ranged from 22 percent at Kauai and Maui to 4 percent at Hawaii.

TABLE 2
DOMINANT CHARACTERISTICS OF FALL 1974 ENTERING STUDENTS
CONTINUING IN FALL 1977 (7th SEMESTER)
COMMUNITY COLLEGE TOTAL

Note: Data presented when the base is 10 or more students.

Characteristics	Total No. of Students	Educational Objective[a] Total	Educational Objective[a] New[c]	Educational Objective[a] Trans.	Grade Point Average[a] Total	Grade Point Average[a] New	Grade Point Average[a] Trans.	Ave. Age in Years[b] Tot.	Ave. Age in Years[b] New	Ave. Age in Years[b] Trans.	Ave. Cum. SH Carried[b] Tot.	Ave. Cum. SH Carried[b] New	Ave. Cum. SH Carried[b] Trans.	Ave. Cum. SH Earned[b] Tot.	Ave. Cum. SH Earned[b] New	Ave. Cum. SH Earned[b] Trans.	Graduation Rate[a] Tot.	Graduation Rate[a] New	Graduation Rate[a] Trans.
TOTAL	695	47% AA	47% AA	49% AA	56% 2.0-2.9	59% 2.0-2.9	57% 3.0-4.0	23.6	22.5	29.0	60.2	61.7	52.5	59.1	60.5	51.7	18%	19%	13%
Sex		***	***	**					NA	NA	**	NA	NA	*	NA	NA			
Female	266	50% AA	49% AA	53% AA	53% 2.0-2.9	56% 2.0-2.9	63% 3.0-4.0	23.1	21.6	32.4	57.4	59.8	42.8	56.6	59.0	42.5	19%	21%	8%
Male	429	47% AS	48% AS	47% AA	58% 2.0-2.9	61% 2.0-2.9	54% 3.0-4.0	23.8	23.1	27.2	62.0	62.9	57.5	60.6	61.5	56.4	17%	17%	16%
Campus		***	***	**	**			***	NA	NA	***	NA	NA	***	NA	NA			
Hawaii	47	57% AS	58% AS	--	49% 2.0-2.9	54% 2.0-2.9	--	21.9	21.4	--	62.0	65.1	--	59.2	62.2	--	4%	5%	--
Honolulu	146	63% AS	71% AS	37% AS	56% 2.0-2.9	62% 2.0-2.9	57% 3.0-4.0	25.0	22.6	32.8	64.1	66.9	55.1	61.8	64.4	53.5	16%	17%	11%
Kapiolani	144	43% AS	45% AS	43% AA	67% 2.0-2.9	65% 2.0-2.9	79% 2.0-2.9	19.6	19.0	25.6	64.4	65.8	51.1	62.2	63.7	48.6	20%	20%	21%
Kauai	23	61% AS	65% AS	--	61% 3.0-4.0	55% 3.0-4.0	--	24.0	24.0	--	58.5	60.8	--	58.2	60.5	--	22%	25%	--
Leeward	281	68% AA	69% AA	61% AA	56% 2.0-2.9	59% 2.0-2.9	57% 3.0-4.0	24.5	23.9	27.4	57.8	58.5	54.4	57.8	58.5	54.4	20%	21%	15%
Maui	18	72% AS	80% AS	--	44% 3.0-4.0	61% 2.0-2.9	--	21.4	21.0	--	60.9	60.3	--	60.9	60.3	--	22%	27%	--
Windward	36	86% AA	90% AA	--	64% 3.0-4.0	61% 3.0-4.0	--	29.4	28.8	--	44.8	45.2	--	44.8	45.2	--	11%	10%	--
Program		***	***	***	**	**		***	NA	NA	***	NA	NA	***	NA	NA	**	*	*
Liberal Arts	322	100% AA	100% AA	100% AA	58% 2.0-2.9	60% 2.0-2.9	53% 3.0-4.0	23.6	22.6	28.9	56.7	58.1	49.8	55.7	57.1	48.8	15%	16%	11%
Business	154	78% AS	78% AS	75% AS	59% 2.0-2.9	61% 2.0-2.9	50% 3.0-4.0	22.5	21.7	29.1	62.3	63.5	52.1	61.4	62.5	51.9	27%	27%	31%
Health Svcs.	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hotel/Fd Svcs.	17	71% AS	69% AS	--	65% 2.0-2.9	69% 2.0-2.9	--	18.0	17.9	--	74.1	72.5	--	70.8	69.0	--	29%	31%	--
Public Svcs.	51	90% AS	90% AS	92% AS	49% 2.0-2.9	51% 2.0-2.9	50% 3.0-4.0	29.8	30.2	28.3	62.5	61.1	67.1	61.5	60.1	66.2	16%	21%	0%
Technology	110	93% AS	93% AS	93% AS	60% 2.0-2.9	65% 2.0-2.9	73% 3.0-4.0	20.3	20.0	22.3	70.4	71.0	66.5	69.0	69.5	65.5	19%	18%	27%
Other	40	100% Oth	100% Oth	100% Oth	75% 3.0-4.0	80% 3.0-4.0	87% 3.0-4.0	31.0	27.6	36.8	42.8	48.4	33.4	42.1	47.5	33.0	0%	0%	0%

[a] Levels of significance based on chi-square analysis: * .05, ** .01, *** .001.

[b] Levels of significance based on analysis of variance for the total. No test of significance was made for sub-groups among new and transfer students. (Age as of September 1, 1974.)

[c] There were 583 new and 112 transfer students.

3. Program: *There were statistically significant differences, by program, on the following: educational objective, grade point average, average age, average cumulative semester hours carried, average cumulative semester hours earned and graduation rates.*

--All liberal arts students were seeking A.A. degrees. In vocational education programs, the great majority of students were seeking A.S. degrees--ranging from 93 percent of those in technology to 71 percent of those in hotel/food services.

--A majority of students in liberal arts (58 percent), business (59 percent), hotel/food services (65 percent) and technology (60 percent) had grade point averages of 2.0-2.9 (also public services, 49 percent). Three-fourths of "other" students had GPAs of 3.0-4.0.

--The mean age ranged from 31 years for "other" students to 18 years for hotel/food services majors.

--The average cumulative semester hours carried ranged from 74 for hotel/food services majors to 43 for "other" students. The range for semester hours earned was 71 to 42, respectively.

--The graduation rates ranged from 29 percent for hotel/food services majors to 15 percent for liberal arts students (0 percent for "other").

4. Educational Objective: *There were statistically significant differences, by educational objective, on the following: average age, average cumulative semester hours carried, average cumulative semester hours earned.* Details are given below:

Educational Objective	Ave. Age***	Ave. Cum. SH Carried***	Ave. Cum. SH Earned***
Total	23.6 yrs.	60.2	59.1
Other	31.0	42.8	42.1
Certificate	22.3	58.9	57.5
A.S.	22.6	66.7	65.5
A.A.	23.7	56.9	55.9

5. Graduates: *There were statistically significant differences between graduates and non-graduates on the following: average cumulative semester hours carried and earned.*

	Ave. Age	Ave. Cum. SH Carried***	Ave. Cum. SH Earned***
Graduate	22.1 yrs.	72.4	71.9
Non-Graduate	23.9	57.5	56.3

C. Findings: Selected Campuses

1. Honolulu Community College (Table 2b in Appendix A)[2]

Of the 146 students enrolled for the seventh semester, 111 were "new" students at entry. Findings are summarized below for the total:

a. Sex: *There were statistically significant differences, by sex, on the following: educational objective and grade point average.*

—A.S. and A.A. degrees were each being sought by 34 percent of the females and A.S. degrees by 72 percent of the males. (Total: 63 percent, A.S.)

--While 57 percent of the females had grade point averages of 3.0-3.4, 60 percent of the males had GPAs of 2.0-2.9. (Total: 56 percent, 2.0-2.9)

--The average ages of females and males were 37 and 21 years, respectively, at time of entry. (Total: 25 years)

—The average cumulative semester hours carried were 44 for females and 71 for males; semester hours earned were 43 and 68, respectively. (Total: 64 semester hours carried; 62 earned)

--The graduation rates were 6 and 19 percent, respectively, for females and males. (Total: 23 graduates, 16 percent)

b. Program: *There were statistically significant differences, by program, on the following: educational objective and grade point average.*

--All liberal arts students were seeking A.A. degrees. A large majority of students in public services (86 percent) and technology (92 percent) were seeking A.S. degrees.

--A majority of liberal arts (53 percent), public services (50 percent) and technology students (66 percent) had grade point averages of 2.0-2.9, while "other" students (69 percent) had GPAs of 3.0-4.0.

--The mean age at entry ranged from 43 years for "other" students to 21 for technology majors.

--The average cumulative semester hours carried ranged from 74 for technology majors to 29 for "other" students. The range for semester hours earned was 72 to 29, respectively.

--The graduation rates ranged from 23 percent (technology) to 7 percent (liberal arts).

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[2] Tests of significance conducted only on educational objective and grade point average.

c. Educational Objective: No statistical tests of significance were conducted, but the details may be of interest:

Educational Objective	Ave. Age	Ave. Cum. SH Carried	Ave. Cum. SH Earned
Total	25.0 yrs.	64.1	61.8
Other	43.1	29.2	29.2
Certificate	28.0	67.3	65.8
A.S.	22.4	70.6	68.7
A.A.	24.7	58.8	54.4

d. Graduates: Compared to non-graduates, graduates tended to be younger at time of entry and carried and earned more semester hours on the average, as shown below:

	Ave. Age	Ave. Cum. SH Carried	Ave. Cum. SH Earned
Graduate	22.8 yrs.	73.2	71.6
Non-Graduate	25.5	62.4	60.0

2. Kapiolani Community College (Table 2c in Appendix A)[3]

Of the 144 students enrolled for the seventh semester, 130 were "new" students at entry. Findings are summarized below for the total:

a. Sex: *There were no statistically significant differences, by sex.*

--A.S. degrees were being sought by 43 percent of both females and males. (Total: 43 percent, A.S.)

--64 percent of the females and 70 percent of the males had GPAs of 2.0-2.9. (Total: 67 percent, 2.0-2.9)

--The average ages of females and males were 19 and 20 years, respectively, at time of entry. (Total: 20 years)

--The average cumulative semester hours carried were 65 for females and 64 for males; semester hours earned were 63 and 61, respectively. (Total: 64 semester hours carried; 62 earned)

--The graduation rates were 22 and 18 percent, respectively, for females and males. (Total: 29 graduates; 20 percent)

b. Program: *There was a statistically significant difference, by program, on educational objective.*

--All liberal arts students were seeking A.A. degrees. A large majority of students in business (75 percent) were seeking A.S. degrees.

--A majority of liberal arts (72 percent) and business students (67 percent) had grade point averages of 2.0-2.9.

--The mean ages at entry were 21 years for liberal arts and 19 for business students.

--The average cumulative semester hours carried were 64 for liberal arts and for business students. Semester hours earned were 61 and 63, respectively.

--The graduation rates were 13 percent for liberal arts students and 28 percent for business students.

[3]Tests of significance conducted only on educational objective and grade point average.

c. Educational Objective: No statistical tests of significance were conducted, but the details may be of interest:

Educational Objective	Ave. Age	Ave. Cum. SH Carried	Ave. Cum. SH Earned
Total	19.6 yrs.	64.4	62.2
Other	23.1	57.0	55.4
Certificate	20.2	55.9	54.0
A.S.	18.1	68.5	66.7
B.A.	20.7	64.0	61.3

d. Graduates: Compared to non-graduates, graduates tended to be younger at time of entry and carried and earned more semester hours on the average, as shown below:

	Ave. Age	Ave. Cum. SH Carried	Ave. Cum. SH Earned
Graduate	17.9 yrs.	68.0	67.3
Non-Graduate	20.1	63.5	61.0

3. Leeward Community College (Table 2e in Appendix A)[4]

Of the 281 students enrolled for the seventh semester, 235 were "new" students at entry. Findings are summarized below for the total:[5]

a. Sex: *There were statistically significant differences, by sex, on educational objective.*

--A.A. degrees were being sought by 69 percent of the females and 67 percent of the males. (Total: 68 percent, A.A.)

--55 percent of the females and 57 percent of the males had GPAs of 2.0-2.9. (Total: 56 percent, 2.0-2.9)

--The average ages of females and males were 21 and 27 years, respectively, at time of entry. (Total: 25 years)

--The average cumulative semester hours carried and earned were 57 for females and 58 for males. (Total: carried and earned: 58 semester hours)

--The graduation rates were 25 and 18 percent, respectively, for females and males. (Total: 57 graduates; 20 percent)

b. Program: *There were statistically significant differences, by program, on educational objective.*

--All liberal arts students were seeking A.A. degrees. All students in technology and a large majority of students in public services (90 percent) and business (75 percent) were seeking A.S. degrees.

--A majority of liberal arts (58 percent), business (55 percent) and technology students (58 percent) had grade point averages of 2.0-2.9.

--The mean age at entry ranged from 36 years for public services students to 20 for technology majors.

--The average cumulative semester hours carried and earned ranged from 74 for public services majors to 56 for liberal arts students.

--The graduation rates ranged from 27 percent (business) to 18 percent (liberal arts).

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[4]Tests of significance conducted only on educational objective and grade point average.

[5]Data on semester hours carried and earned are based on semester hours used in the computation of grade point averages. Since no failing grades are given at Leeward, semester hours carried are identical to those earned.

c. Educational Objective: No statistical tests of significance were conducted, but the details may be of interest:

Educational Objective	Ave. Age	Ave. Cum. SH Carried	Ave. Cum. SH Earned
Total	24.5 yrs.	57.8	57.8
Other	32.0	42.0	42.0
Certificate	23.3	57.5	57.5
A.S.	27.1	62.7	62.7
A.A.	23.3	56.5	56.5

d. Graduates: Compared to non-graduates, graduates tended to be younger and carried and earned more semester hours, on the average, as shown below:

	Ave. Age	Ave. Cum. SH Carried	Ave. Cum. SH Earned
Graduate	23.1 yrs.	75.1	75.1
Non-Graduate	24.8	53.4	53.4

D. Concluding Comment

Out of the 9,171 entering students in Fall 1974, 695 (7.6 percent) enrolled for seven continuous semesters. At the end of that semester, 124 students completed their degrees.

Report No. 30 indicated that 1,219 students had graduated by the end of the sixth semester. With the additional 124 students, the total number of community college graduates is 1,343 (15 percent of the entering group) at the end of seven semesters.

APPENDIX A

CAMPUS TABLES

TABLE 2a
DOMINANT CHARACTERISTICS OF FALL 1974 ENTERING STUDENTS
CONTINUING IN FALL 1977 (7th Semester)
HAWAII COMMUNITY COLLEGE

Note: Data presented when the base is 10 or more students.

Characteristics	Total No. of Students	Educational Objective[a]			Grade Point Average[a]			Ave. Age in Years[b]			Ave. Cum. SH Carried[b]			Ave. Cum. SH Earned[b]			Graduation Rate[a]		
		Total	New[c]	Trans.	Total	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans.
TOTAL	47	57% A.S.	58% A.S.	--	49% 2.0-2.9	54% 2.0-2.9	--	21.9	21.4	--	62.0	65.1	--	59.2	62.2	--	4%	5%	--
Sex																			
Female	13	31% each AA, AS, Other	33% each AA, AS	--	62% 2.0-2.9	67% 2.0-2.9	--	20.5	18.7	--	62.2	66.2	--	59.8	63.5	--	0%	0%	--
Male	34	68% A.S.	68% A.S.	--	50% 3.0-4.0	40% 2.0-2.9	--	22.4	22.5	--	61.9	64.7	--	59.0	61.2	--	6%	7%	--
Program		***	***		***	**													
Liberal Arts	12	100% A.A.	100% AA	--	75% 2.0-2.9	75% 2.0-2.9	--	22.3	22.3	--	61.2	61.2	--	58.0	58.0	--	0%	0%	--
Business	10	90% A.S.	—	--	60% 2.0-2.9	60% 2.0-2.9	--	21.5	21.5	--	70.9	70.9	--	69.4	69.4	--	20%	20%	--
Hotel/Fd Svcs.	2	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
Public Svcs.	5	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
Technology	12	100% A.S.	100% AS	--	83% 3.0-4.0	80% 3.0-4.0	--	19.3	19.1	--	60.8	65.4	--	60.3	64.8	--	0%	0%	--
Other	6	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--

[a] Levels of significance based on chi-square analysis: * .05, ** .01, *** .001.

[b] Levels of significance based on analysis of variance for the total. No test of significance was made for sub-groups among new and transfer students. (Age as of September 1, 1974.)

[c] There were 43 new and 4 transfer students.

TABLE 2b
DOMINANT CHARACTERISTICS OF FALL 1974 ENTERING STUDENTS
CONTINUING IN FALL 1977 (7th SEMESTER)
HONOLULU COMMUNITY COLLEGE

Note: Data presented when the base is 10 or more students.

Characteristics	Total No. of Students	Educational Objective[a]			Grade Point Average[a]			Ave. Age in Years[b]			Ave. Cum. SH Carried[b]			Ave. Cum. SH Earned[b]			Graduation Rate[a]		
		Total	New[c]	Trans.	Total	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans	Tot.	New	Trans.
TOTAL	146	63% AS	71% AS	37% AS	56% 2.0-2.9	62% 2.0-2.9	57% 3.0-4.0	25.0	22.6	32.8	64.1	66.9	55.1	61.8	64.4	53.5	16%	17%	11%
Sex		***	*	**	**	*													
Female	35	34% en. AS, AA	57% AS	50% AA, Other	57% 3.0-4.0	52% 3.0-4.0	64% 3.0-4.0	37.0	34.1	41.4	43.8	49.7	35.0	43.3	48.8	35.0	6%	10%	0%
Male	111	72% AS	74% AS	62% AS	60% 2.0-2.9	66% 2.0-2.9	52% 3.0-4.0	21.3	19.9	27.1	70.5	70.9	68.5	67.6	68.1	65.8	19%	19%	19%
Program		***	***	***	*	*													
Liberal Arts	30	100% AA	100% AA	100% AA	53% 2.0-2.9	68% 2.0-2.9	64% 3.0-4.0	24.1	19.3	32.3	57.6	63.1	48.1	52.8	57.1	45.4	7%	5%	0%
Hotel/Fd Svcs.	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Public Svcs.	28	86% AS	86% AS	--	50% 2.0-2.9	52% 2.0-2.9	--	30.1	30.4	--	60.3	56.4	--	59.0	55.3	--	14%	19%	--
Technology	73	92% AS	92% AS	--	66% 2.0-2.9	68% 2.0-2.9	--	20.5	20.0	--	74.3	74.0	--	72.3	72.0	--	23%	22%	--
Other	13	100% Other	--	--	69% 3.0-4.0	--	--	43.1	42.3	--	29.2	24.5	--	29.2	24.5	--	0%	--	--

[a]Levels of significance based on chi-square analysis: * .05, ** .01, *** .001.

[b]Levels of significance based on analysis of variance for the total. No test of significance was made for sub-groups among new and transfer students. (Age as of September 1, 1974.)

[c]There were 111 new and 35 transfer students.

TABLE 2c
DOMINANT CHARACTERISTICS OF FALL 1974 ENTERING STUDENTS
CONTINUING IN FALL 1977 (7th SEMESTER)
KAPIOLANI COMMUNITY COLLEGE

Note: Data presented when the base is 10 or more students.

Characteristics	Total No. of Students	Educational Objective[a]			Grade Point Average[a]			Ave. Age in Years[b]			Ave. Cum. SH Carried[b]			Ave. Cum. SH Earned[b]			Graduation Rate[a]		
		Total	New[c]	Trans.	Total	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans.
TOTAL	144	43% AS	45% AS	43% AA	67% 2.0-2.9	65% 2.0-2.9	79% 2.0-2.9	19.6	19.0	25.6	64.4	65.8	51.1	62.2	63.7	48.6	20%	20%	21%
Sex																			
Female	81	43% AS	45% AS	--	64% 2.0-2.9	64% 2.0-2.9	--	19.3	18.3	--	64.6	66.4	--	62.9	64.7	--	22%	23%	--
Male	63	43% AS	46% AS	--	70% 2.0-2.9	67% 2.0-2.9	--	20.1	19.9	--	64.1	65.0	--	61.3	62.3	--	18%	16%	--
Program		***	***	***															
Liberal Arts	53	100% AA	100% AA	--	72% 2.0-2.9	68% 2.0-2.9	--	20.7	19.7	--	64.0	65.5	--	61.3	63.0	--	13%	15%	--
Business	75	75% AS	77% AS	--	67% 2.0-2.9	67% 2.0-2.9	--	18.7	18.3	--	64.3	65.9	--	62.5	64.0	--	28%	26%	--
Health Svcs.	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hotel/Fd Svcs.	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Others	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

[a]Levels of significance based on chi-square analysis: * .05, ** .01, *** .001.

[b]Levels of significance based on analysis of variance for the total. No test of significance was made for sub-groups among new and transfer students. (Age as of September 1, 1974.)

[c]There were 130 new and 14 transfer students.

TABLE 2d

DOMINANT CHARACTERISTICS OF FALL 1974 ENTERING STUDENTS
CONTINUING IN FALL 1977 (7th SEMESTER)
KAUAI COMMUNITY COLLEGE

Note: Data presented when the base is 10 or more students.

Characteristics	Total No. of Students	Educational Objective[a]			Grade Point Average[a]			Ave. Age in Years[b]			Ave. Cum. SH Carried[b]			Ave. Cum. SH Earned[b]			Graduation Rate[a]		
		Total	New[c]	Trans.	Total	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans.
TOTAL	23	61% A.S.	65% A.S.	--	61% 3.0-4.0	55% 3.0-4.0	--	24.0	24.0	--	58.5	60.8	--	58.2	60.5	--	22%	25%	--
Sex																			
Female	11	64% A.S.	70% A.S.	--	55% 3.0-4.0	50% 2.0-2.9 50% 3.0-4.0	--	21.2	21.3	--	52.8	53.2	--	52.6	52.9	--	27%	30%	--
Male	12	58% A.S.	60% A.S.	--	67% 3.0-4.0	60% 3.0-4.0	--	26.7	26.6	--	63.7	68.4	--	63.6	68.1	--	17%	20%	--
Program		***																	
Liberal Arts	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Business	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Public Svcs.	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Technology	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

[a] Levels of significance based on chi-square analysis: * .05, ** .01, *** .001.

[b] Levels of significance based on analysis of variance for the total. No test of significance was made for sub-groups among new and transfer students. (Age as of September 1, 1974.)

[c] There were 20 new and 3 transfer students.

TABLE 2e
DOMINANT CHARACTERISTICS OF FALL 1974 ENTERING STUDENTS
CONTINUING IN FALL 1977 (7th SEMESTER)
LEEWARD COMMUNITY COLLEGE

Note: Data presented when the base is 10 or more students.

Characteristic	Total No. of Students	Educational Objective[a]			Grade Point Average[a]			Ave. Age in Years[b]			Ave. Cum. SH Carried[b]			Ave. Cum. SH Earned[b]			Graduation Rate[a]		
		Total	New[c]	Trans.	Total	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans.	Tot.	New	Trans.
TOTAL	281	68% AA	69% AA	61% AA	56% 2.0-2.9	59% 2.0-2.9	57% 3.0-4.0	24.5	23.9	27.4	57.8	58.5	54.4	57.8	58.5	54.4	20%	21%	15%
Sex		***	***																
Female	101	69% AA	71% AA	50% ea. AA, AS	55% 2.0-2.9	56% 2.0-2.9	60% 3.0-4.0	20.6	20.4	22.5	57.4	57.9	53.0	57.4	57.9	53.0	25%	26%	10%
Male	180	67% AA	67% AA	64% AA	57% 2.0-2.9	61% 2.0-2.9	56% 3.0-4.0	26.6	26.1	28.7	58.0	58.9	54.7	58.0	58.9	54.7	18%	18%	12%
Program		***	***	***															
Liberal Arts	186	100% AA	100% AA	100% AA	58% 2.0-2.9	59% 2.0-2.9	52% 2.0-2.9	23.3	22.6	27.2	56.4	57.7	49.0	56.4	57.7	49.0	18%	18%	15%
Business	55	75% AS	71% AS	90% AS	55% 2.0-2.9	60% 2.0-2.9	60% 3.0-4.0	28.1	27.1	32.5	58.2	58.7	55.9	58.2	58.7	55.9	27%	29%	20%
Hotel/Fd Svcs.	5	—	—	--	--	—	--	—	—	--	—	—	--	—	—	--	--	--	--
Public Svcs.	10	90% AS	—	--	50% 2.0-2.9 3.0-4.0	—	--	35.5	—	--	74.0	—	--	74.0	—	--	20%	--	--
Technology	19	100% AS	100% AS	--	58% 2.0-2.9	79% 2.0-2.9	--	19.5	19.7	--	62.4	62.6	--	62.4	62.6	--	21%	21%	--
Other	6	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--

[a]Levels of significance based on chi-square analysis: * .05, ** .01, *** .001.

[b]Levels of significance based on analysis of variance for the total. No test of significance was made for sub-groups among new and transfer students. (Age as of September 1, 1974.)

[c]There were 235 new and 46 transfer students.

TABLE 2f
DOMINANT CHARACTERISTICS OF FALL 1974 ENTERING STUDENTS
CONTINUING IN FALL 1977 (7th SEMESTER)
MAUI COMMUNITY COLLEGE

Note: Data presented when the base is 10 or more students.

Characteristics	Total No. of Students	Educational Objective[a]			Grade Point Average[a]			Ave. Age in Years[b]			Ave. Cum. SH Carried[b]			Ave. Cum. SH Earned[b]			Graduation Rate[a]		
		Total	New[c]	*Trans.*	Total	New	*Trans.*	Tot.	New	*Trans.*	Tot.	New	*Trans.*	Tot.	New	*Trans.*	Tot.	New	*Trans.*
TOTAL	18	72% A.S.	80% A.S.	--	50% 2.0-2.9	60% 2.0-2.9	--	21.4	21.0	--	60.9	60.3	--	60.9	60.3	--	22%	27%	--
Sex																			
Female	7	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
Male	11	73% A.S.	—	--	64% 2.0-2.9	—	--	22.9	—	--	59.3	—	--	59.3	—	--	18%	—	--
Program[d]																			
Liberal Arts	3	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
Business	7	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
Hotel/Fd Svcs.	1	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
Public Svcs.	3	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--
Technology	4	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--	—	—	--

[a]Levels of significance based on chi-square analysis: * .05, ** .01, *** .001.

[b]Levels of significance based on analysis of variance for the total. No test of significance was made for sub-groups among new and transfer students. (Age as of September 1, 1974.)

[c]There were 15 new and 3 transfer students.

[d]Results of tests of significance ignored because numbers are small.

TABLE 2g
DOMINANT CHARACTERISTICS OF FALL 1974 ENTERING STUDENTS
CONTINUING IN FALL 1977 (7th SEMESTER)
WINDWARD COMMUNITY COLLEGE

Note: Data presented when the base is 10 or more students.

Characteristics	Total No. of Students	Educational Objective[a]			Grade Point Average[a]			Ave. Age in Years[b]			Ave. Cum. SH Carried[b]			Ave. Cum. SH Earned[b]			Graduation Rate[a]		
		Total	New[c]	*Trans.*	Total	New	*Trans.*	Tot.	New	*Trans.*	Tot.	New	*Trans.*	Tot.	New	*Trans.*	Tot.	New	*Trans.*
TOTAL	36	86% A.A.	90% A.A.	--	64% 3.0-4.0	62% 3.0-4.0	--	29.4	28.8	--	44.8	45.2	--	44.8	45.2	--	11%	10%	--
Sex																			
Female	18	78% A.A.	85% A.A.	--	78% 3.0-4.0	77% 3.0-4.0	--	32.4	32.9	--	47.6	49.6	--	47.6	49.6	--	6%	0%	--
Male	18	94% A.A.	94% A.A.	--	50% 2.0-2.9 50% 3.0-4.0	50% 2.0-2.9 50% 3.0-4.0	--	26.5	25.5	--	41.9	41.6	--	41.9	41.6	--	17%	19%	--
Program		***	***																
Liberal Arts	31	100% A.A.	100% A.A.	--	61% 3.0-4.0	58% 3.0-4.0	--	30.7	29.7	--	44.1	43.2	--	44.1	43.2	--	13%	12%	--
Other	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

[a] Levels of significance based on chi-square analysis: * .05, ** .01, *** .001.

[b] Levels of significance based on analysis of variance for the total. No test of significance was made for sub-groups among new and transfer students. (Age as of September 1, 1974.)

[c] There were 29 new and 7 transfer students.